



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard M. Herreid et al. Examiner:  
Serial No.: 10/643,568 Group Art Unit: 1725  
Filed: August 19, 2003 Docket No.: 100P288USI1  
Title: METHOD AND APPARATUS FOR MAKING A SAND CORE WITH AN  
IMPROVED PRODUCTION RATE

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on November 18, 2003.

  
Robin A. Sannes

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 10/101,439.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

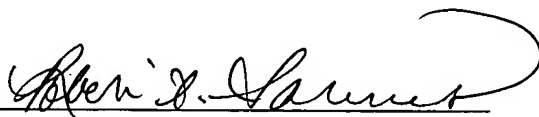
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0549.

Respectfully submitted,

RICHARD M. HERREID ET AL.

Date: 11/18/2003

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FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

## IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:  
100P288US11Application Number:  
10/643,568

Applicant: Richard M. Herreid et al

Filing Date: August 19, 2003

Group Art Unit: 1725

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NO. | DATE     | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------|----------|-------------------|-------|----------|-------------------------------|
|                     | 2,145,317    | 01/1939  | Salzberg          | 22    | 188      |                               |
|                     | 4,064,926    | 12/1977  | Naegele           | 164   | 154      |                               |
|                     | 4,158,381    | 06/1979  | Michelson         | 164   | 226      |                               |
|                     | 4,867,228    | 09/1989  | Novelli et al.    | 164   | 525      |                               |
|                     | 5,014,763    | 05/1991  | Frank             | 164   | 15       |                               |
|                     | 5,262,100    | 11/1993  | Moore et al.      | 264   | 25       |                               |
|                     | 5,320,157    | 06/1994  | Siak et al.       | 164   | 12       |                               |
|                     | 5,365,995    | 11/1994  | Warner            | 164   | 12       |                               |
|                     | 5,580,400    | 12/1996  | Takahashi         | 148   | 302      |                               |
|                     | 5,580,624    | 12/1996  | Andersen et al.   | 428   | 34.5     |                               |
|                     | 5,582,231    | 12/1996  | Siak et al.       | 164   | 525      |                               |
|                     | 5,715,885    | 02/1998  | Nagarwalla et al. | 164   | 20       |                               |
|                     | 5,749,409    | 05/1998  | Siak et al.       | 164   | 23       |                               |
|                     | 5,837,373    | 11/1998  | Siak et al.       | 428   | 404      |                               |
|                     | 6,016,862    | 01/2000  | Herreid           | 164   | 525      |                               |
|                     | 6,090,915    | 07/2000  | Herreid           | 530   | 350      |                               |
|                     | 6,467,525    | 10/2002  | Herreid et al.    | 164   | 12       |                               |
|                     | 6,505,671    | 01/2003  | McKibben et al.   | 164   | 12       |                               |
|                     | Re. 36,001   | 12/22/98 | Siak et al.       | 164   | 525      |                               |

## FOREIGN PATENT DOCUMENTS

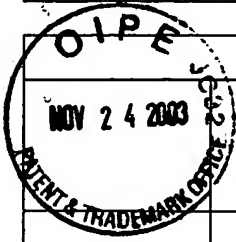
|  | DOCUMENT NO. | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|--------------|---------|---------|-------|----------|-------------|----|
|  |              |         |         |       |          | YES         | NO |
|  | EP-221 537   | 05/1987 | Europe  |       |          |             | X  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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|---|--|--|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | <b>Docket Number:</b><br>100P288US11       | <b>Application Number:</b><br>10/643,568 |
|   | <b>Applicant:</b> Richard M. Herreid et al |  |
|   | <b>Filing Date:</b> August 19, 2003        | <b>Group Art Unit:</b> 1725              |
|   |  |  |



| <b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.) |  |
|---|--|
|   | Wile, "Coremaking," ASM Handbook, Formerly Ninth Edition, Metals Handbook ASM International, Volume 15 Casting, The Materials Information Society, Materials Park, OH; pp 238-241. |
|   | Mold & Core Test Handbook; 3 <sup>rd</sup> Edition; 2001   |

|   |                        |
|---|------------------------|
| <b>EXAMINER</b>   | <b>DATE CONSIDERED</b> |
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